

95	CHCKE	TEST NE	XH200,1,REDES	IF LAND CPNS, REMOVE SHIPS	393
96	HLREQ	ASSIGN	7,2		394
97		LINK	P7,FIFC		395
98	RELHR	TEST E	P2,3,NEWPR	LPH?	396
99		PRIORITY	4		397
100		TRANSFER	,GETPR		398
101	NEWPR	PRIORITY	3		399
102	GETPR	ASSIGN	7,2		400
103		GATE U	2,NCHRA	ANY ACTIVE HRT'S ?	401
104		LINK	P7,FIFC	YES, PUT THIS ONE ON ACTIVE	402
105	NCHRA	SAVEVALUE	236,1,H		403
106		TRANSFER	,GETHL		404
107	NCCAR	ASSIGN	7,11	NON-CARGO HELOS	405
108		ASSIGN	9,MH1(P2,14)	NUMBER OF LANDING SPOTS NEEDED	406
109		SAVEVALUE	V109+,1,H	NUMBER OF HELOS IN POOL	407
110		LINK	P7,FIFC		408
111	CHELI	MARK	8	MARK ENTRY INTO HELD POOL	409
112		TRANSFER	,75,,HOLDH	ALLOW INITIAL AVAILABILITY	410
113		ADVANCE	40		411
114	HOLDH	ASSIGN	9,MH1(P2,14)	NUMBER OF LANDING SPOTS NEEDED	412
115		ASSIGN	10,FN3	LOAD PREFERENCE MATRIX NO.	413
116		PRIORITY	2		414
117		TEST E	P2,6,HFCCL	HEAVY LIFT HELICOPTER	415
118		ADVANCE	60	HOLD HLH FOR 1 HOUR	416
119		MARK	8	RE-MARK ENTRY INTO HELD POOL	417
120	HPOOL	TEST NE	P5,K0,FTR	TEST FOR HELI. FIRST TRIP	418
121		TABULATE	P2	TABULATE ROUND TRIP TIME	419
122		TABULATE	7	CYCLE TIME, ALL HELOS	420
123		MARK	8		421
124		TEST E	XH236,0,PTR	IS THIS THE FIRST CRAFT AT THIS TIME?	422
125		SAVEVALUE	236,1,H	YES, TURN OFF FIRST CRAFT INDICATOR	423
126		UNLINK	2,GETHL,1	RELEASE A HRT	424
127	FTR	PRIORITY	7	HELI WILL MOVE BEFORE HRT WHEN UNLINKED	425
128		SAVEVALUE	V109+,1,H	NUMBER OF HELOS IN POOL	426
129		LINK	1,FIFC	PLACE IN HELI. POOL	427
130	LANDZ	TEST E	P1,23,REDE	LZ23?	428
131		ASSIGN	2,2	DESIGNATE ARTY LZ	429
132	REDE	TEST NE	XH200,1,HLREQ	NOT LAND CPNS?	430
133	REDES	LINK	12,FIFC	REMOVE FROM PROBLEM	431
			*****		432
134	GETHL	SEIZE	2		433
135		TEST E	P1,20,ALTO		434
136		TRACE			435
137		TRANSFER	,BASSG		436
138	ALTO	TRACE			437
139		UNTRACE			438
140	BASSG	ADVANCE			439
141		ASSIGN	9,0		440
142		TEST NE	P5,C1,NCTTT	SHIP REPEATS AT THIS TIME?	441
143		MARK	5	TIME SHIP TRIED FOR HELO	442
144		ASSIGN	6+,1		443
145		TEST E	BV5,0,NCTTT	FINISHED WITH 1ST ECHELON?	444
146		TEST NE	P2,2,TAKED	NOT LPD?	445
147		TEST G	P6,5,GCLPH	TAKE PERSONNEL ON 1ST TRIPS	446
148		TRANSFER	,TAKED		447
149	GCLPH	TEST E	BV3,0,TAKED	PERSONNEL FOR 1ST ECHELON?	448
150		TEST G	MH2(P1,6),0,TAKED	PERSONNEL ON BOARD?	449

151	ASSIGN	S,5	INDICATE PERSONNEL LOAD	450
152	TRANSFER	,TAKEY		451
153	TAKED TEST E	BV4,0,GOLPH	NO VEHICLES FOR 1ST ECHELON?	452
154	TEST C	MH2(P1,11),0,EMHSH	ANY CARGO?	453
155	TAKEY SAVEVALUE	238,0,H		454
156	TEST E	CH1,0,CHOPN	IF NO AVAIL HELI CONTINUE	455
157	RELEASE	2		456
158	UNLINK	3,HLREQ,ALL		457
159	SAVEVALUE	236,0,H		458
160	LINK	P7,FIFO		459
161	CHOPN TEST G	MH2(P1,2),0,NOTTT	HELO OK. POSITION OPEN?	460
162	TEST NE	P9,5,TFHT	NOT PERSONNEL LOAD?	461
163	ASSIGN	8,MH2B(P1,2)	COL FOR PREFERRED LOAD	462
164	ASSIGN	9,MH2B(F1,P8)	PREFERRED LOAD	463
165	TFHT ASSIGN	12,0		464
166	BHPI ASSIGN	12*,1	INCR HELI PREF BY 1 FOR LOOP	465
167	ASSIGN	4,MH2(P1,2)	NUMBER OF HELI POSITIONS OPEN	466
168	TEST L	P12,5,NOTTT	STILL NEEDS HELO?	467
169	ASSIGN	10,MH33(P2,P12)	CURRENT PREF HT TO P10	468
170	ASSIGN	11,VIC8	X# OF HT IN HP	469
171	TEST G	XH*11,0,BHPL	ANY REQUESTED HELI TYPE AVAIL?	470
172	TEST G	P10,4,WIND	REQUIRE 2 SPOTS EACH?	471
173	ASSIGN	4,VIO	REDUCE SPOTS FOR LARGE HELI	472
174	WIND TEST E	P4,C,WINI	NOT ENOUGH SPACE	473
175	TRANSFER	,BHPL		474
176	WINI TEST E	P9,5,CONTE	PERSONNEL LOAD?	475
177	TEST GE	XH*11,P4,PERT	ENOUGH HELOS?	476
178	UNLINK	1,HELPR,P4,2,P10	SEND HELOS	477
179	TRANSFER	,FINLP		478
180	PERT UNLINK	1,HELPR,XH*11,2,P10	SEND AVAILABLE HELOS	479
181	ASSIGN	4-,XH*11	REDUCE NUMBER REQUIRED	480
182	TEST GE	P12,4,BHPL		481
183	TRANSFER	,FINLP		482
184	CONTE TEST GE	XH*11,P4,NERT	YES. ENOUGH?	483
185	UNLINK	1,HGLD,P4,2,P10	YES. UNLINK HELOS	484
186	TRANSFER	,FINLP		485
187	NERT UNLINK	1,HGLD,XH*11,2,P10	UNLINK ALL OF TYPE	486
188	ASSIGN	4-,XH*11	REDUCE # REQUIRED	487
189	TEST GE	P12,4,BHPL		488
190	FINLP ASSIGN	7,4	SHIP HAS ALL REQ HELI.	489
191	SAVEVALUE	237,*1,H	STORE SHIP # IN XH237 FOR HELI	490
192	BUFFER	WAIT FOR HELI (HELI HAVE PR 7)		491
193	RELEASE	2		492
194	TEST G	MH2(P1,11),0,EMHSH	YES, SHIP EMPTY FOR HELO'S?	493
195	SHIP NOT EMPTY			494
196	NOTTT TEST NE	XH238,*4,TSFH	DID ALL HELI GET LOADS?	495
197	ASSIGN	7,3	NO, SET P7= 3 SHIP NEEDS HELI	496
198	GATE U	2,TSFH	IF FAC 2 IS SEIZED, RELEASE	497
199	RELEASE	2		498
200	TSFH TEST NE	CH2,0,NAHRT	ANY ACTIVE HRT ?	499
201	TEST NE	CH1,0,NAHRT	YES, ANY HELI AVAILABLE ?	500
202	UNLINK	2,GETHL,1	YES, UNLINK A HRT	501
203	TRANSFER	,TCHN		502
204	EMHSH ASSIGN	7,5	INDICATE SHIP IS EMPTY	503
205	GATE U	2,RELFA	IF FAC 2 SEIZED, RELEASE	504
206	RELEASE	2		505
207	RELFA TRANSFER	,TSFH		506

	*	NO ACTIVE HRT'S AND/OR NO HELI. IN PGCL	507
207	NAHRT	SAVEVALUE 236,0,H	508
208		UNLINK 3,HLREG,ALL	509
209		TEST E P7,3,TOCHN	510
210		ASSIGN 7,2	511
211	TOCHN	TEST LE MH2(*1,11),0,GUHS NO. ANY LOADS ON SHIP?	512
212		ASSIGN 7,5	513
213	GUHS	LINK *7,FIFO PUT HRT BACK ON CHAIN	514
	*	*****	515
	*	THIS SECTION IS FOR HELICOPTERS RELEASED TO GET LOADS	516
214	HGLD	ASSIGN 7,XH237 SHIP # TO P7 OF HELI.TRANS.	517
215		TEST GE MH2(P7,2),P9,TOHP IS THERE SPACE FOR THIS HELO?	518
216		ASSIGN 13,MH*18(*7,2) CCL # FOR PREFERRED LOAD	519
217		ASSIGN 12,MH*18(*7,*13) PREFERRED LOAD	520
218	FCL	TEST NE *12,4,HLVEH ARE THESE VEHICLES ?	521
219	HPAL	TEST GE C1,900,TAKER NO, OK FOR PALLET DELIVERY?	522
220	HLCK	TEST E MH2(*7,V11),0,THAP ANY 1ST CHOICE PALL ON SHIP ?	523
221		TEST G MH*18(*7,1),0,TOHP NO, ANY PALL AVAIL FOR HELI?	524
222		MSAVEVALUE *18-,*7,1,1,H YES, SUB 1 FROM # OF AVAIL TYP	525
223		TEST L MH*18(P7,2),6,MOLOD LAST PALLET TYPE?	526
224		MSAVEVALUE *18+,P7,2,1,H RESET POINTER FOR PALLET TYPE	527
225	MOLOD	TEST G MH28(P7,1),0,FHZ	528
226		MSAVEVALUE 28-,P7,1,1,H	529
227		TEST L MH28(P7,2),6,FHZ	530
228		MSAVEVALUE 28+,P7,2,1,H	531
229	FHZ	TEST G MH*18(P7,1),KO,TOHP IF SHIP EMPTY GO TO HP	532
230		ASSIGN 13,MH*18(P7,2) CCL # FOR 1ST CHOICE PALLETS	533
231		ASSIGN 12,MH*18(P7,*13) CODE FOR FCP TO P12	534
232		TEST E MH*18(P7,1),KO,HGL IF SHIP NOT EMPTY,GO TO HGL	535
233		SAVEVALUE V109+,1,H	536
234	TOHP	LINK 1,FIFO SHIP EMPTY-SEND HELI BACK TO POOL	537
235	HELPR	ASSIGN 7,XH237 SHIP NUMBER	538
236		TEST GE MH2(P7,2),P9,TOHP SPACE AVAILABLE?	539
237		TRANSFER ,TAKER	540
238	HTSHP	MSAVEVALUE 2-,*7,2,P9,H REDUCE AVAILABLE SPOTS	541
239		SAVEVALUE 9,V5,H TRAVEL TIME TO SHIP	542
240		ASSIGN 6,XH9,30 TRAVEL TIME TO P6	543
241		SAVEVALUE 8,V6,H UNADJUSTED CRAFT TIME IN HP TO XH8	544
242		TEST NE XH8,KO,HNTBP HAS HELI. SPENT ANY TIME IN HP?	545
243		TEST GE XH8,XH9,HCMTT YES, IS HP TIME > TRAVEL TIME TO SHIP	546
244		ASSIGN 6,KO SET DELAY FOR TRAVEL TO SHIP = 0.	547
245		SAVEVALUE 8-,XH9,H SET ADJUSTED TIME SPENT IN HP TO XH8-XH9.	548
246		TRANSFER ,HNTBP	549
247	HCMTT	ASSIGN 6,V23 TRAVEL DELAY IS XH9-XH8.	550
248		SAVEVALUE 8,KO,H SET ADJUSTED TIME SPENT IN HP TO 0.	551
249	HNTBP	MSAVEVALUE 35+,P3,2,XH8,H CUM. TIME SPENT BY HELI IN HP	552
250		MSAVEVALUE 14+,P2,2,XH8 CUM. TIME SPENT BY HELI IN HP	553
251		MSAVEVALUE 35+,P3,8,XH8,H C	554
252		MSAVEVALUE 14+,P2,8,XH8 CUMULATE TOTAL TIMES	555
253		TRANSFER ,NCKLC	556
254	HLVEH	TEST LE MH2(*7,10),0,HLOK ANY VEH AVAIL TO HELI ?	557
255		TEST G MH*18(P7,1),0,TAKER NO MORE LOAD TYPES?	558
256		MSAVEVALUE *10-,*7,1,1,H	559
257		TEST L MH*18(*7,2),6,TAKER ARE VEH LAST PALL TYPE ?	560
258		MSAVEVALUE *18+,*7,2,1,H NO, SET POINTER TO NEXT TYPE	561
259	TAKER	TEST G MH28(P7,1),0,TAKER	562
260		MSAVEVALUE 28-,P7,1,1,H	563